



# 2005 Annual Report

Established in 1879

# Fire Chief History



1879	Scott Ranson	1929-1933	E.M. Anderson
1888-1889	John Williams	1934-1935	Dwight Johnson
1890	J.L. Hanscom	1936-1938	Oscar Pearson
1891	F.W. Wold	1939-1941	Gaylord Nelson
1892-1893	F.L. Smith	1942-1943	Theo Halvorson
1894-1895	G.P. Karvand	1944-1945	Charles Majerus
1896	E. Christensen	1946-1947	Bob Odell
1897	William A. Sperry	1948-1950	Harold Nelson
1898-1900	Peter Freeberg	1951-1952	Lowell Johnson
1901-1904	William O. Johnson	1953	Ed Erickson
1905	Swan Larson	1954-1955	Harold Holmquist
1906	Ben Benson	1956	Hartley Rykken
1907	Harry Odell	1957-1958	Harold Anderson
1908-1909	Severt Benson	1959	Manny Sjoquist
1910	H.A. Ruud	1960-1961	Dale Nelson
1911	C.J. Freeberg	1962-1963	Frank Chapin
1912-1913	J.C. Freese	1964-1965	Manny Sjoquist
1914-1916	Nels Edwards	1966	Clayton Fossum
1917	H.A. Ruud	1967-1977	Frank Chapin
1918	C.C. Selvig	1978-1979	Dave Stuhr
1919-1921	Severt Benson	1980-1985	Doug Lindblad
1922	William A. Bjornberg	1986-1991	Brad Lundquist
1923	Peter Pearson	1992-1995	Doug Lindblad
1924-1926	Edwin Selvig	1996-1999	Rick Klavetter
1927-1928	M.W. Bloomquist	2000-Present	Marvin Calvin

## Full-Time Staff

Willmar Fire Department is staffed by 3 full-time employees during regular business hours.



**Fire Chief/Fire Marshal**  
**Marv Calvin**



**Rick Johnson**

*October 1984-Present*

**Building/Equipment  
Maintenance Worker**

Rick is responsible for tasks such as purchasing and maintaining equipment and supplies, maintaining the station's appearance inside and outside, scheduling truck inspections and repairs, issuing equipment to firefighters, assisting with community events, conducting station tours, and assisting with budgeting.



**Terrah Larson**

*February 2005-Present*

**Clerk/Typist**

Terrah is responsible for tasks such as purchasing and maintaining office supplies and equipment, compiling fire call statistics, reporting fire calls to State, processing accounts payable, billing for rural services and false alarms, calculating firefighter attendance percentages, assisting with budgeting, and providing clerical support to the Fire Chief and other department members.

## **Fire Chief**

The Willmar Fire Chief is a full-time position whose immediate supervisor is the City Administrator. The Chief has a variety of responsibilities which include, but are not limited too:

- Oversee the day to day operations of the Fire Department, full-time staff and firefighters
- Direct firefighters at the scene of fires and other emergencies
- Create and manage the department budget
- Coordinate the City's emergency management plan
- Ensure the department and firefighters are in compliance with NFPA (National Fire Protection Association) and OSHA (Occupational Safety and Health Association) standards
- Conduct fire investigations
- Assist law enforcement officials with arson investigations
- Enforce the International Fire Code within the community and issue corrective orders
- Assist City staff and citizens with Fire Code concerns
- Conduct day/foster care and commercial inspections
- Enforce Fire Code requirements and assist with building inspections for new construction and remodels
- Inspect and test fire alarm and sprinkler systems within the community
- Determine City water flow

# Officers

## Assistant Chiefs

1<sup>st</sup>: Jeff Gilbertson

2<sup>nd</sup>: Wally Klause

3<sup>rd</sup>: Frank Hanson

## Captains

**Company 7:**

Mike Schroeder

**Company 8:**

Mark Thompson

**Company 9:**

Gawin Kooistra Ed Scherer

## Lieutenants

Howard Carlson

Kevin Marti

## Secretary

Chad Johnson

Willmar Fire Department Officers are selected each year by the Officer Selection Committee with final approval from the City Administrator. These positions require further training and experience compared to that of the firefighter positions. They assist the Fire Chief with day-to-day operations and projects and help to keep the department running smoothly by providing an effective chain of command and disciplinary procedures. Budget preparation, fire call data entry, pre-plan preparation and presentation, public education and departmental operations assistance are a few of their responsibilities. Additional duties include:

### Assistant Chief:

*May assume command of firefighting activities in the absence of the Fire Chief*

*Assists with fire investigations*

*Assists in the hiring process*

*Serves at the direction of the Fire Chief for the prescribing and establishment of the department rules and regulations*

*Attends additional monthly meetings*

### Deputy Chief-Operations:

*Assists in the ordering and issuing of gear and equipment*

*Assists in evaluation and planning of major equipment purchases*

*Attends additional monthly meetings*

### Deputy Chief-Training:

*Issues monthly training schedules*

*Approves outside training opportunities*

*Assumes a key role in the orientation and development of new firefighters*

*Attends additional monthly meetings*

### Captains & Lieutenants:

*Oversee the firefighters assigned to their particular company*

*Assist with budget preparation and department purchasing*

*Attend additional monthly meetings*

*Prepare and present pre-plans*

### Secretary:

*Takes roll call for meetings and training sessions and records minutes during the monthly business meeting*

## Firefighters

<i><b>Name</b></i>	<i><b>Years of Service</b></i>
Gary Norsten	28
Mike Schroeder	28
Jeff Johnson	28
Lon Nielsen	24
Jim Miller	23
Ed Scherer	23
Mike Miller	21
Willie Sobieck	21
Rick Klavetter	20
Wally Klause	19
Jeff Gilbertson	19
Steve Stein	19
Rory Weiss	18
Terry Spieker	17
Dwight Hubers	17
Jim Werder	16
Mark Thompson	16
Steve Rierson	16
Stacy Sweep	16
Howard Carlson	15
Gawin Kooistra	14
Bruce Johns	14
Kevin Marti	13
Jason Bredesen	12
Frank Hanson	11
David Cram	11
Dean Marcotte	11
Jeff Hess	11
Bob Pierskalla	10

<i><b>Name</b></i>	<i><b>Years of Service</b></i>
Chad Johnson	8
Ross Strom	7
Darin Schirmers	6
Bert Hansen	4
Jim Larson	4
Jeff Asche	4
Paul Cool	3
Guillermo Alvarez	3
Josh Butterfield	3
Josh Larson	3
Travis Blaschko	1
Don Asche	1
Aaron Christensen	1
Joshua McGillivray	1

<i><b>Resigned in 2005</b></i>
Jeff Hess
John Carr

The Willmar Fire Department is a paid-on-call department. Each member is issued an alert pager that notifies them when the department is needed for service. Firefighters are paid an hourly rate on the basis that 1 to 60 minutes earns one (1) hour of pay, 61 to 120 minutes earns two (2) hours of pay and so on...

The average years of service on the Willmar Fire Department is 13.02 years.

## Attendance Percentages

The Willmar Fire Department maintains fire call and training percentages for each member. Firefighters must attend 45% of all fire calls excluding battalion calls (vehicle accidents and vehicle fires) and 70% of all full-department training sessions. Firefighters and officers may be excused from department calls and training during outside training courses or conferences or by requesting a leave of absence from the department.

The following are 2005 fire call percentages for the Willmar Fire Department:

### Assistant Chiefs

Jeff Gilbertson	66.8%
Wally Klause	78.6%
Frank Hanson	36.2%

### Company 7

Cpt. Mike Schroeder	67.6 %
Lt. Howard Carlson	82.3%
Paul Cool	70.6%
Dwight Hubers	68.7%
Bruce Johns	51.4%
Jim Larson	89.4%
Josh Larson	40.3%
Jim Miller	54.1%
Steve Stein	55.7%

### Company 8

Cpt. Mark Thompson	75.3%
Lt. Kevin Marti	75.3%
Jason Bredesen	57.3%
Josh Butterfield	58.0%
Chad Johnson	64.4%
Dean Marcotte	48.6%
Mike Miller	68.6%
Steve Rierson	71.4%
Darin Schirmers	45.1%
Stacy Sweep	43.1%
Rory Weiss	36.5%
Jim Werder	48.2%

### Company 9

Cpt. Gawin Kooistra	85.2%
Lt. Ed Scherer	55.7%
Guillermo Alvarez	61.0%
Jeff Asche	55.3%
Dave Cram	33.3%
Bert Hansen	53.7%
Jeff Johnson	56.1%
Rick Klavetter	65.9%
Lon Nielsen	47.2%
Gary Norsten	55.7%
Bob Pierskalla	63.1%
Willie Sobieck	53.5%
Terry Spieker	71.6%
Ross Strom	56.3%

### 2005 Rookies

Don Asche	47.8%
Travis Blaschko	56.3%
John Carr	73.4%
Aaron Christensen	80.6%
Josh McGillivray	73.6%



# Apparatus



5276 (New)  
2005 General Pumper/Tanker  
1800 Gallon Tank  
1500 gpm  
**9 Runs**



5299  
1999 Pierce 100' Ladder  
2000 GPM  
**139 Runs**



5257  
1988 Luverne Engine  
750 Gallon Tank  
1500 GPM  
**56 Runs**



5252  
1982 Luverne Pumper  
1250 GPM  
**6 Runs**



5251  
2002 General Engine  
500 Gallon Tank  
1500 GPM  
**211 Runs**



5276 (Sold to Lake Lillian in November)  
1987 Luverne Tanker  
1500 Gallon Tank  
500 GPM  
**24 Runs**



5258  
1990 E-One Engine  
750 Gallon Tank  
1500 GPM  
**119 Runs**



5293  
1990 Lynch Display Van  
**12 Runs**



5285  
1997 Chevrolet Grass Rig  
200 Gallon Tank  
300 GPM  
**204 Runs**



5296  
1991 GMC  
**19 Runs**



5297  
2000 Dodge Durango  
**24 Runs**

## Other Apparatus



"Old Timer"

1931 American La France  
Engine

The Willmar Fire Department also possesses a 1997 HazMat trailer and houses a 2004 Mass Decontamination Trailer for the Lake Region departments.

## Apparatus Use History

Truck	1997	1998	1999	2000	2001	2002	2003	2004	2005
5251	2	2	18	2	4	3	168	172	211
5252	44	108	105	90	67	67	8	16	6
5293	41	19	31	22	9	17	11	15	12
5254	7	0	0	1	0	1	0	0	0
5276 (Old)	37	69	66	68	44	24	36	28	24
5276 (New)	0	0	0	0	0	0	0	0	9
5257	169	162	205	182	180	141	51	60	56
5258	222	199	245	179	171	142	158	132	119
5299 (Old)	168	131	108	0	0	0	0	0	0
5299 (Current)	0	0	53	165	139	125	117	130	139
5285	25	167	213	158	172	160	181	198	204
5296	213	6	3	18	17	13	30	22	19
5297	0	0	0	0	37	40	30	71	24

# Hurricane Katrina Relief

## "Fill the Boot"

### September 8, 2005



- Members of the fire department collected donations at various community intersections on September 8. We also collected donations at the station through September 9.
- Willmar Fire Department Raised **\$14,844.69** for the Hurricane Katrina survivors!
- Willmar area citizens were very generous! We thank those that helped us out!





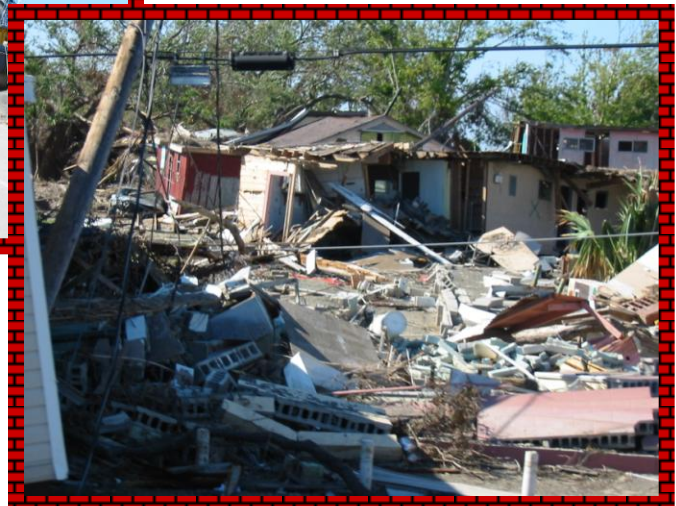
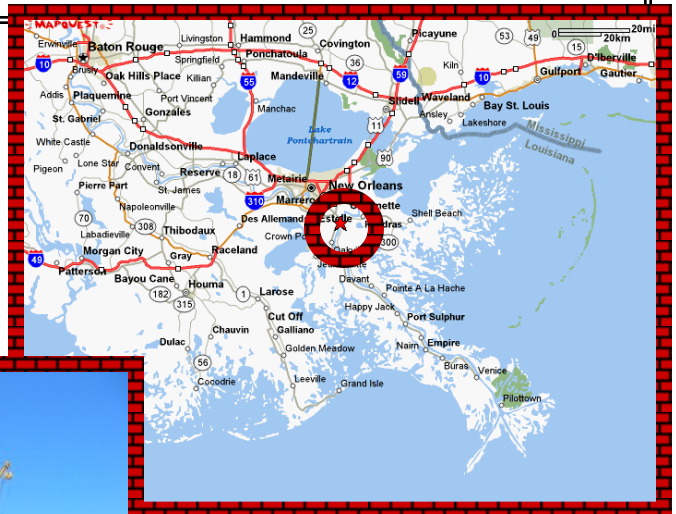
# Hurricane Katrina Relief

## Minnesota Task Force 4

### October 22-November 5

In response to the devastation caused by Hurricane Katrina, 3 Willmar firefighters traveled to Belle Chasse, Louisiana to assist with firefighting and clean-up efforts.

Howard Carlson, Chad Johnson and Jim Larson worked together with crews from Minneapolis, Bloomington, Coon Rapids, Moorhead and Cottage Grove. This assembly of firefighters made up the 24-person group referred to as 'Minnesota Task Force IV'.



## 2005 Training & Meetings

Date	Training Session	# of Attendees	Total Hours
January 3	1403: Basic Firefighter	4	12
January 5	1403: Basic Firefighter	4	12
January 6	Business Meeting	42	84
January 10	1403: Basic Firefighter	4	12
January 12	1403: Basic Firefighter	4	12
January 13	First Responders	41	113
January 17	1403: Basic Firefighter	4	12
January 19	1403: Basic Firefighter	4	12
January 20	Officers' Meeting	10	24
January 24	Technical Rescue Team	5	10
January 24	1403: Basic Firefighter	4	12
January 25	Hazardous Materials Emergency Assistance Team	2	4
January 26	1403: Basic Firefighter	4	12
January 31	1403: Basic Firefighter	4	12
February 2	1403: Basic Firefighter	4	12
February 3	Business Meeting	42	84
February 5	Cold Water Rescue	5	20
February 7	1403: Basic Firefighter	4	4
February 10	First Responders	36	107
February 12	State Fire Marshal Assistance	1	2
February 24	Fire Alarms & Panels	33	96
February 26	Controlled House Burn	12	60
February 28	Technical Rescue Team	5	10
March 3	Business Meeting	37	72
March 9-11	Arson Investigation	2	58

March 10	Incident Response to Terrorist Threats	42	166
March 12	1403: Burn Trailer	5	25
March 17	Sky Warn	36	99
March 19	1403: Burn Trailer	1	4
March 24	Officers' Meeting	9	36
March 26	Fire Apparatus Operator Training	2	6
March 26	1403: Burn Trailer	1	4
March 28	Technical Rescue Team	6	12
April 7	Business Meeting	41	88
April 7	Sky Warn	2	4
April 14	Hazardous Materials Awareness	38	76
April 25	Technical Rescue Team	6	18
April 26	Hazardous Materials Emergency Assistance Team	3	6
April 28	Officers' Meeting	13	53
May 4	Business Meeting	40	78
May 19	Hose Testing	32	93
May 23	Technical Rescue Team	5	18
May 24	Hazardous Materials Emergency Assistance Team	2	6
May 26	Hose Testing	29	81
June 2	Business Meeting	38	71
June 9	Agility Test	26	38
June 13	National Incident Management System IS-700	2	6
June 15	Driver's Training	2	4
June 16	Officers' Meeting	8	16
June 16	Annual Physicals		
June 21	Driver's Training	2	4
June 23	Station Clean-up	29	87



July 8	Business Meeting	37	74
July 14	Self-Contained Breathing Apparatus	25	75
July 21	National Incident Management System IS-700	38	43
July 21	Driver's Training	4	12
August 4	Business Meeting	38	76
August 11	Pump Training	28	84
August 13	Elevator Burn (Lucan, Minnesota)	4	44
August 19	Self-Contained Breathing Apparatus	32	96
September 1	Business Meeting	35	70
September 8	Pump Lubrication	41	82
September 15	Rapid Intervention Training	35	140
September 22	Officers' Meeting	7	14
September 20-23	Phoenix Fire Dept. Incident Management Symposium	4	63
September 29	Station Clean-up	21	21
October 6	Business Meeting	40	80
October 13	Fire Prevention	37	74
October 20	On Deck	36	72
October 27	Officers' Meeting	12	24
November 3	Business Meeting	30	60
November 10	On Deck	37	111
November 17	Officers' Meeting	11	22
November 19	Controlled House Burn	13	65
December 1	Business Meeting	39	39
December 3	Grain Bin Rescue	6	44
December 8	First Responders	34	102

December 15	On Deck	30	90
December 17	Controlled House Burn	20	100
December 22	Officers' Meeting	9	9
<b>Total Training Hours</b>			<b>3753</b>

## 2005 Pre Plans

Pre Plans are conducted on various commercial and industrial properties throughout the Willmar community. In 2005, the Captains and Lieutenants were assigned 2 properties on which they researched and prepared a presentation. The purpose of this is to inform and prepare the fire department members of the layout and other safety issues of each building. Key points that are often highlighted include: entrances and exits, fire alarm panel, any hazardous or combustible storage, mechanical and boiler rooms, and locations of post indicator valves and fire hydrants.

The officers were also assigned a group of firefighters who assisted in collecting this information.

This presentation was then presented to the rest of the officers during the monthly Officer Meeting and again to the entire department during the Business Meetings.

Pre Plans were conducted on the following establishments in 2005:

**Magnuson Sheet Metal**

**Willmar Regional Treatment Center**

**Willmar Education & Arts Center**

**Jennie-O Plant 4**

**Federal Express**

**Rice Hospital**

**Kandi Mall**

**Redball**

**Jennie-O Benson Avenue Plant**

**Family Eye Center**

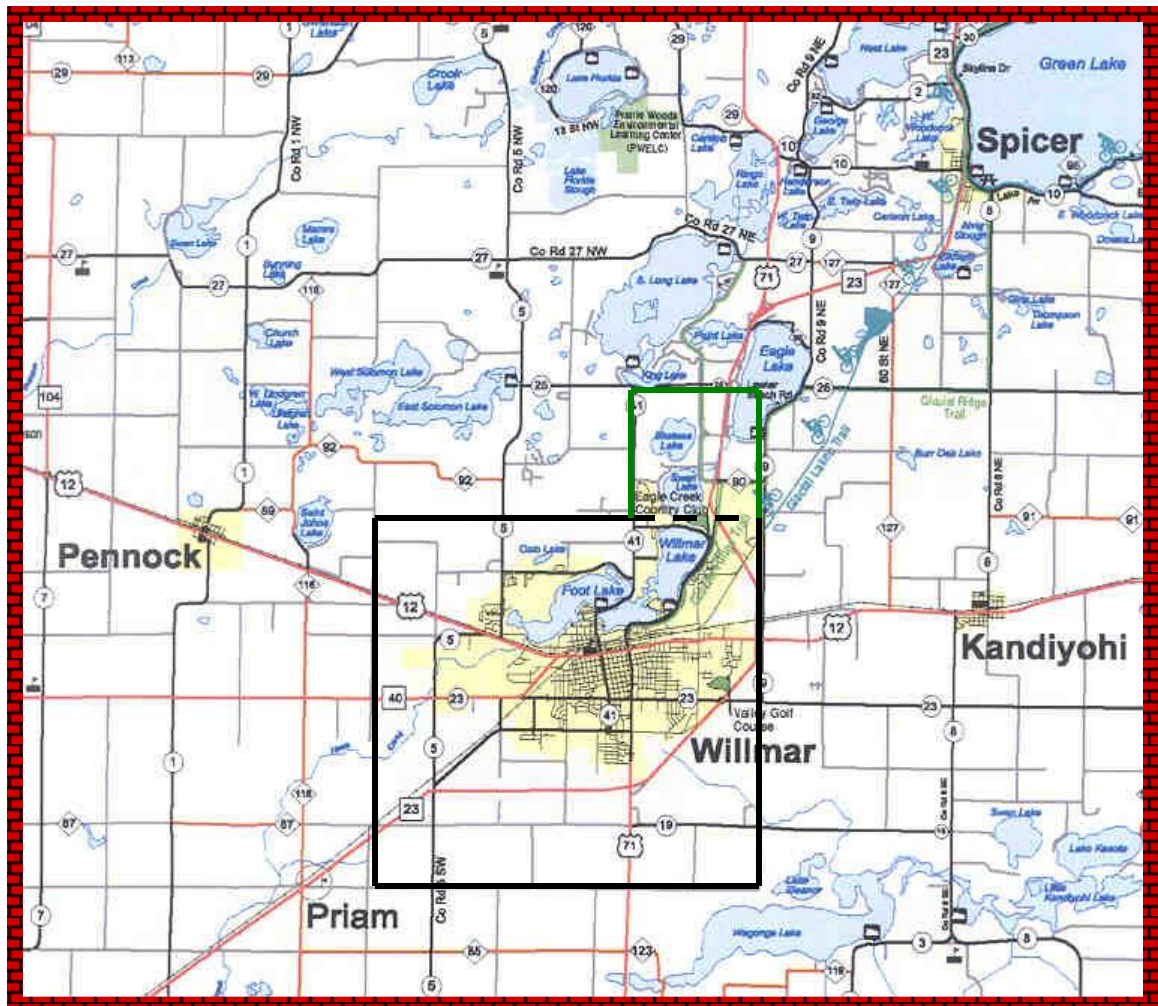
## General Statistics

	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>Total Calls</b>	<b>345</b>	<b>309</b>	<b>343</b>	<b>311</b>	<b>316</b>
Average Response Time	6 min. 46 sec.	4 min. 45 sec.	3 min. 21 sec.	4 min. 28 sec.	4 min. 6 sec.
Average Call Time	29 min	32 min	32 min	32 min	32 min
Average Firefighters On Scene	15	14	11	12	12
Average Miles to Scene	4.5	4.5	4.1	3.9	4.4
Total Water Used (gallons)	87,155	30,544	175,966	21,041	164,036
City Hours	7,939	7,413	7,489	5,802	6,582
Rural Hours	344	679	209	227	220
Mutual Aid Hours	98	225	380	79	226
Battalion Hours	625	730	829	736	847
Estimated Total Dollar Loss	\$42,850	\$109,050	\$72,000	\$1,323,000	\$15,000

## Injuries:

- **Training Injuries:**
  - 1 overexertion/muscle strain injury (No lost time)
  - 1 fall (4 days lost time)
- **Incident-Scene Injuries:**
  - 1 incision/cut

## Primary Response Area



The area shaded in **yellow** represents Willmar city limits

The area outlined in **black** represents Willmar Township (Rural)

The area outlined in **green** represents Willmar Fire Department's additional response area located in Dovre Township (Rural)

## Rural Alarms

Any fire alarm outside the Willmar city limits is considered to be a rural alarm. A contract exists between the City of Willmar and each of the townships noted below. This contract permits the Willmar Fire Department to bill the venue at which the alarm occurred. This money, however, is paid to the particular township the venue is located.

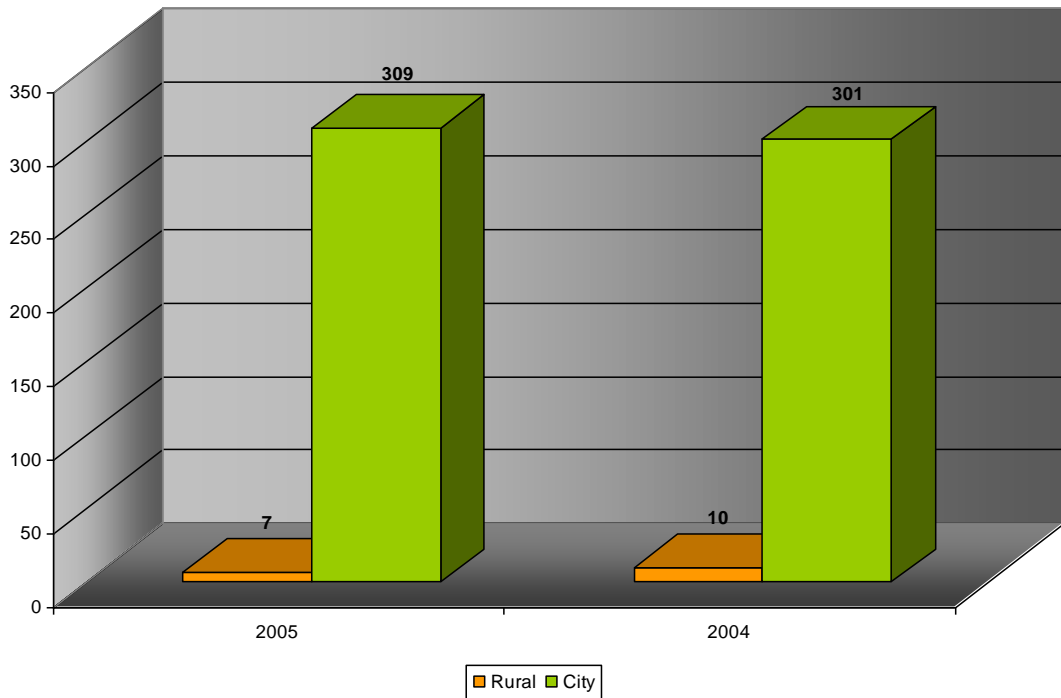
Listed below are the rural alarms that occurred in 2005:

Dovre Township					
Date	Location	Incident Type	Firefighters Responding	Call Hours	Hours Paid
3/13/05	5307 NE Hwy 71	Building Fire	37	3	71
4/10/05	2580 NE 47 <sup>th</sup> Ave.	Medical Assist	17	2	27
7/16/05	N Hwy 71 & Cty. Rd. 90	Passenger Vehicle Fire	17	1	17
12/20/05	1678 NE 48 <sup>th</sup> Ave.	Gas Leak	25	1	25



Willmar Township					
Date	Location	Incident Type	Firefighters Responding	Call Hours	Hours Paid
5/19/05	SW Hwy 40 & Cty. Rd. 5	Unauthorized controlled burn	32	2	52
11/12/05	Hwy 23 & Cty. Rd. 5	Motor Vehicle Accident	14	1	14
12/6/05	4420 SW 15 <sup>th</sup> St.	Good Intent Call	25	1	25

## City & Rural Comparison



Year	City	Rural	Total
<b>2005</b>	309	7	316
2004	301	10	311
2003	337	6	343
2002	288	18	306
2001	331	14	345
2000	329	8	337
1999	307	18	325
1998	281	18	299
1997	321	11	332
1996	362	11	373

## Mutual Aid

The fire departments of Kandiyohi County provide assistance to each other in the form of manpower and equipment. They refer to this as mutual aid. Unlike false calls (which are billed after the 5<sup>th</sup> occurrence at each individual venue), mutual aid requests are generally not billed out.

Reasons for requesting mutual aid:

- Excessive heat during the summer months
- The need for water
- The lack of manpower
- The lack of equipment
- The fire is just too big



Mutual Aid Given		
1/22/05	Pennock	House Fire
1/22/05	Pennock	House Fire
4/12/05	Raymond	Structure Fire
5/12/05	Sunburg	Vehicle Accident (Cancelled Enroute)
9/29/05	Raymond	Grass/Vegetation Fire
10/28/05	Pennock	Grass/Vegetation Fire
12/8/05	New London	Vehicle Accident

Mutual Aid Received		
3/4/05	Pennock & Kandiyohi	Commercial Fire
3/13/05	Spicer	House Fire
6/23/05	Pennock & Kandiyohi	Apartment Fire
6/24/05	Spicer	House Fire
7/3/05	Pennock & Kandiyohi	House Fire
11/18/05	Blomkest, Kandiyohi & Raymond	Commercial Fire
11/19/05	Pennock & Kandiyohi	House Fire



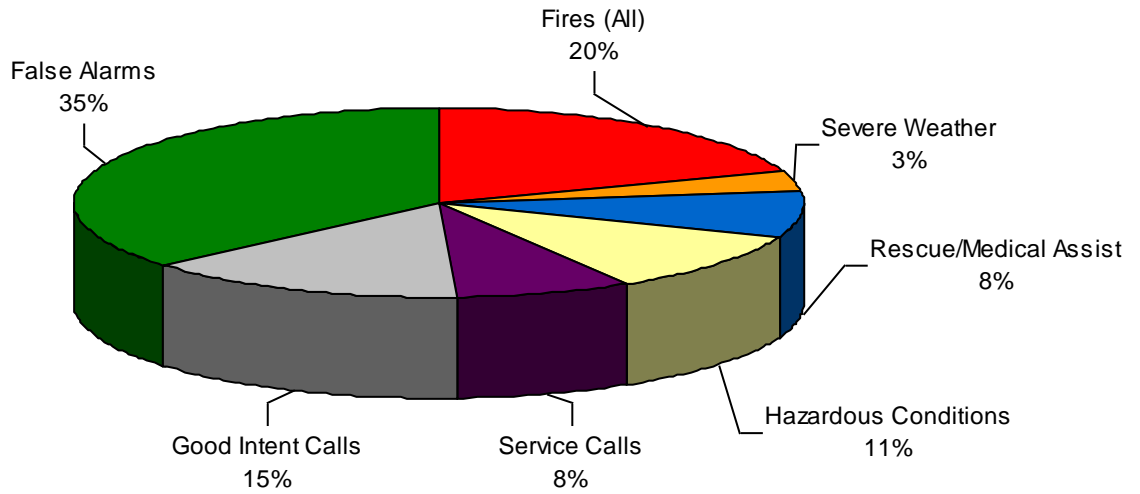
## **2005 False Alarms**

Approximately one-third of our calls end up as false alarms, which is good news. The Willmar Fire Department allows 5 false alarms at each address per year (July 1 through June 30). Each additional false alarm costs the venue \$250.

Many false alarms are caused by faulty alarm panels and/or sprinkler systems. Often times, construction workers may cause an alarm to activate due to sawdust or smoke emission. There are, however, alarms caused maliciously. These are often taken care of by the Fire Chief with assistance from the Willmar Police Department.

The year 2005 brought 115 false alarms, with 16 being billed and 15 suspected of being malicious alarms.

## Type of Calls



## Area of Fire Origin

The following lists the areas in which fires originated during 2005. The number of occurrences and the percentage is given. Fortunately, many of these fires were minor and extinguished prior to fire department arrival.

Exterior stairway, ramp or fire escape	2	5.0%
Common room, den, family room, living room, lounge	1	2.5%
Bedroom - < 5 persons; jail or prisons included	1	2.5%
Cooking area, kitchen	3	7.5%
Bathroom, checkroom, lavatory, locker room	2	5.0%
Office	1	2.5%
Chute/container – trash, rubbish, waste	1	2.5%
Garage, carport	1	2.5%
Elevator shaft	1	2.5%
Utility or ventilation shaft	1	2.5%
Laundry or mail chute	1	2.5%
Heating room or water heater area	2	5.0%
Switchgear area, transformer vault	1	2.5%
Exterior balcony	1	2.5%
Wall assembly, concealed wall space	1	2.5%
Operator/passenger area of transportation equipment	1	2.5%
Cargo/trunk area – all vehicles	1	2.5%
Engine area, running gear, wheel area	11	27.5%
Fuel tank, fuel line	1	2.5%
Separate operator/control area of transportation equip.	1	2.5%
Exterior, exposed surface	1	2.5%
Undetermined	4	10.0%
<b>Total</b>	<b>40</b>	

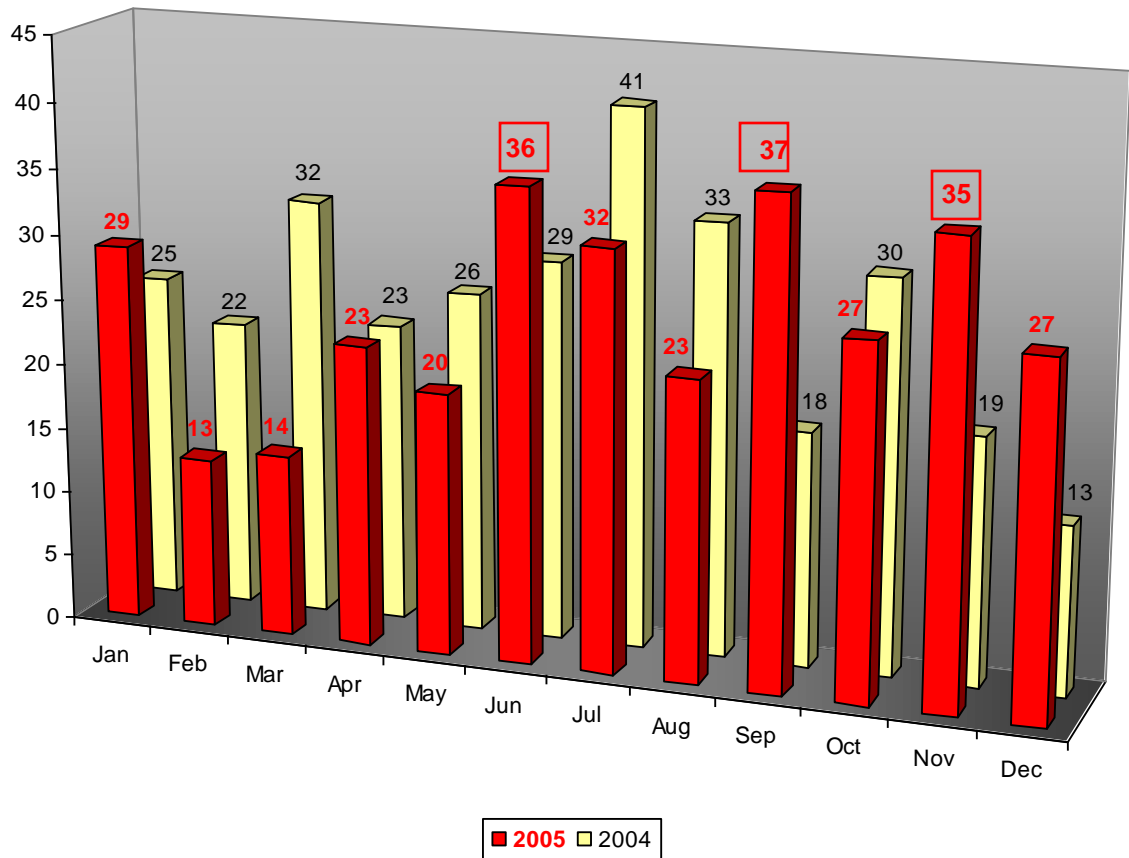
## Property Use at Alarm Locations

Property Use		Count	Percent
<b>0</b>	<b>Unclassified</b>		
	No property use reported	27	8.54%
	Other	2	0.63%
		<u>29</u>	<u>9.17%</u>
<b>100</b>	<b>Assembly</b>		
131	Church	5	1.58%
134	Funeral parlor	1	0.31%
141	Athletic/health club	4	1.26%
150	Public or government	1	0.31%
160	Eating, drinking places, other	1	0.31%
161	Restaurant or cafeteria	1	0.31%
162	Bar or nightclub	1	0.31%
		<u>14</u>	<u>4.39%</u>
<b>200</b>	<b>Educational</b>		
200	Educational, other	1	0.31%
213	Elementary school, including kindergarten	8	2.53%
215	High school, junior high school, middle school	6	1.89%
241	Adult education center, college classroom	3	0.94%
		<u>18</u>	<u>5.67%</u>
<b>300</b>	<b>Health Care, Detention &amp; Correction</b>		
311	24-hour care, Nursing homes, 4 or more persons	11	3.48%
321	Mental retardation/development disability facility	10	3.16%
322	Alcohol or substance abuse recovery center	1	0.31%
323	Asylum, mental institution	24	7.59%
331	Hospital - medical or psychiatric	1	0.31%
340	Clinics, doctors offices, hemodialysis center	2	0.63%
342	Doctor, dentist or oral surgeon office	1	0.31%
361	Jail, prison (not juvenile)	5	1.58%
		<u>55</u>	<u>17.37%</u>

<b>400</b>	<b>Residential</b>		
400	Residential, other	1	0.31%
419	1 or 2 family dwelling	47	14.87%
429	Multifamily dwelling	34	10.75%
439	Boarding/rooming house, residential hotels	3	0.94%
449	Hotel/motel, commercial	6	1.89%
459	Residential board and care	1	0.31%
		<b>92</b>	<b>29.07%</b>
<b>500</b>	<b>Mercantile, Business</b>		
500	Mercantile, Business, other	1	0.31%
519	Food and beverage sales, grocery store	2	0.63%
539	Household goods, sales, repairs	1	0.31%
549	Specialty shop	5	1.58%
571	Service station, gas station	1	0.31%
579	Motor vehicle or boat sales, services, repairs	2	0.63%
580	General retail, other	6	1.89%
581	Department or discount store	5	1.58%
599	Business office	1	0.31%
		<b>24</b>	<b>7.55%</b>
<b>600</b>	<b>Industrial, Utility</b>		
647	Water utility	1	0.31%
		<b>1</b>	<b>0.31%</b>
<b>700</b>	<b>Manufacturing, processing</b>		
700	Manufacturing, processing, other	10	3.16%
		<b>10</b>	<b>3.16%</b>
<b>800</b>	<b>Storage</b>		
891	Warehouse	2	0.63%
		<b>2</b>	<b>0.63%</b>
<b>900</b>	<b>Outside or special property</b>		
900	Outside or special property, other	2	0.63%
926	Outbuilding, protective shelter	1	0.31%
931	Open land or field	4	1.26%
936	Vacant lot	2	0.63%
938	Graded and cared-for plots of land	2	0.63%
951	Railroad right-of-way	1	0.31%
960	Street, other	4	1.26%

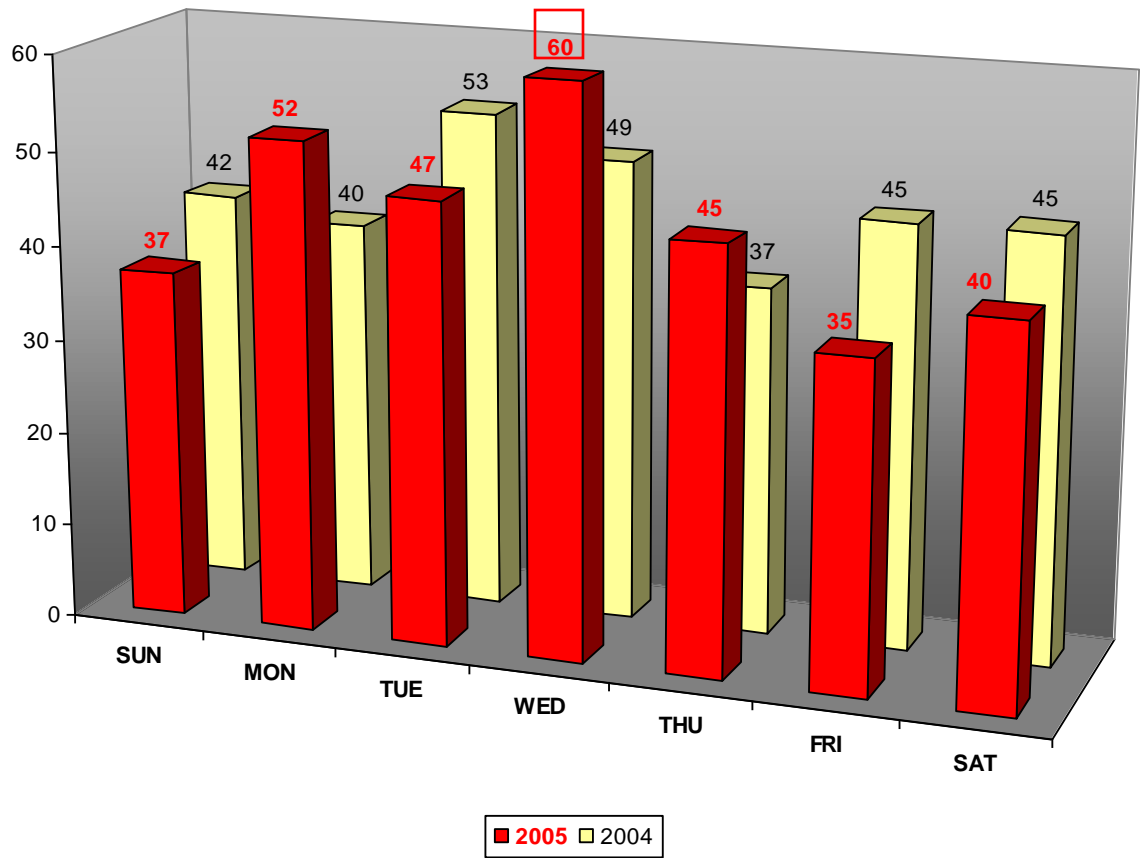
961	Highway or divided highway	20	6.32%
962	Residential street or road	16	5.06%
963	Street or road in commercial area	3	0.94%
965	Vehicle parking area	8	2.53%
981	Construction site	1	0.31%
983	Pipeline, power line or other utility right-of-way	3	0.94%
		<b>67</b>	<b>21.13%</b>
NNN	None	4	1.26%
		<b>4</b>	<b>1.26%</b>
<b>Total Incident Count</b>		<b>316</b>	

## Alarms by Month



Month	2001	2002	2003	2004	2005
January	17	22	29	25	29
February	32	15	16	22	13
March	22	29	21	32	14
April	26	26	32	23	23
May	32	27	25	26	20
June	39	36	45	29	36
July	31	35	40	41	32
August	27	19	22	33	23
September	22	24	40	18	37
October	32	29	31	30	27
November	32	27	27	19	35
December	24	20	15	13	27

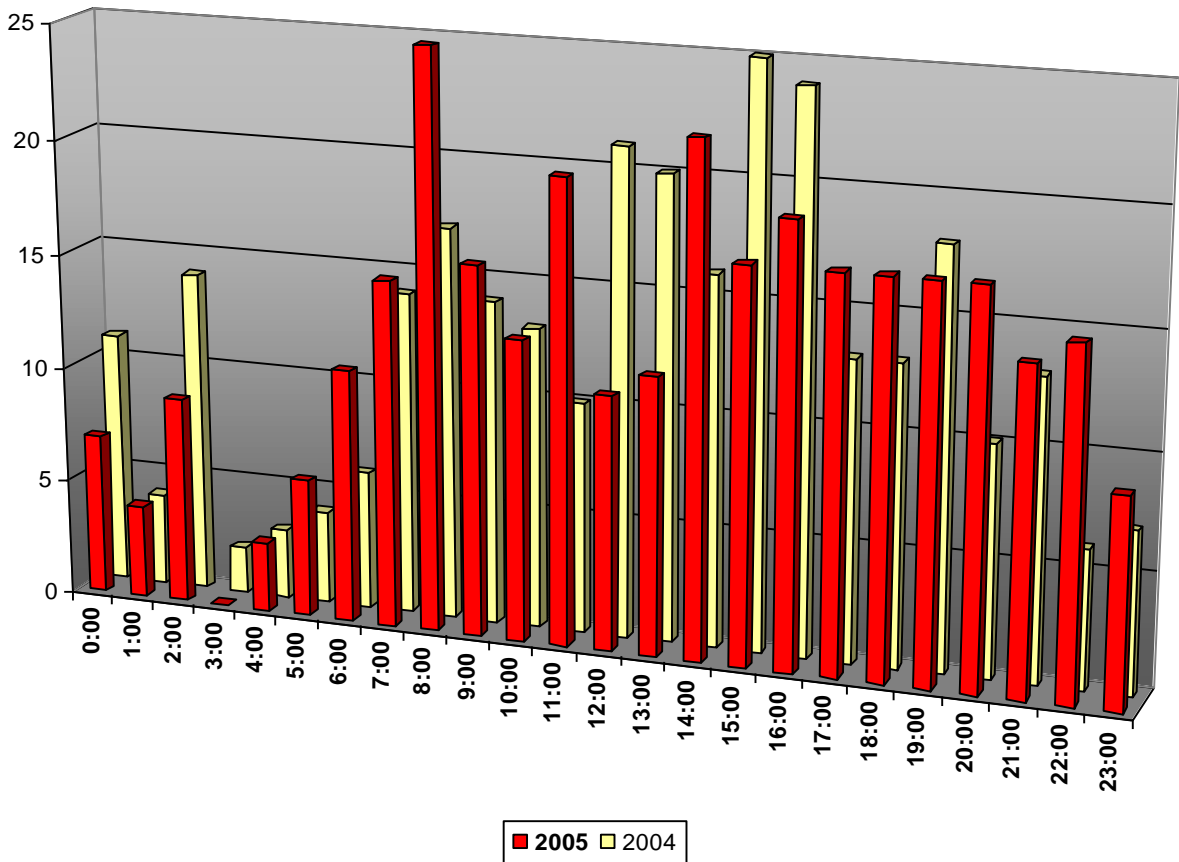
## Alarms by Day



Day	2001	2002	2003	2004	2005
Sunday	49	39	40	42	37
Monday	47	45	63	40	52
Tuesday	55	49	46	53	47
Wednesday	51	43	58	49	60
Thursday	49	45	57	37	45
Friday	40	42	43	45	35
Saturday	45	43	36	45	40



## Alarms by Hour



Time	2001	2002	2003	2004	2005
0:00	6	9	10	11	7
1:00	5	6	8	4	4
2:00	8	5	3	14	9
3:00	10	3	5	2	0
4:00	7	5	1	3	3
5:00	8	6	3	4	6
6:00	6	8	5	6	11
7:00	13	13	18	14	15
8:00	12	10	12	17	25
9:00	14	13	16	14	16
10:00	16	22	14	13	13
11:00	16	11	23	10	20
12:00	19	18	17	21	11
13:00	15	16	14	20	12
14:00	15	23	21	16	22
15:00	15	20	20	25	17
16:00	31	25	23	24	19
17:00	24	16	37	13	17
18:00	21	17	23	13	17
19:00	17	14	14	18	17
20:00	12	17	17	10	17
21:00	24	16	18	13	14
22:00	13	9	12	6	15
23:00	9	5	9	7	9

## Equipment Use

Hose Laid (Feet)	
1"	200
1.5"	500
1.75"	4850
2"	50
2.5"	650
3"	50
5"	1000
Misc. Equipment	
Hydrants	9
Salvage Covers	7
Generators	20
Air Packs	135
Saws	5
Foam (Gallons)	45
Press Water	11
Flood Lights	16
PPV Blower	41
Air Monitor	14
Floor Dry (Bags)	49
Thermal Imaging Camera	23
Pike Poles	13

## 2005 Incident List

Incident	Date	Time	Location
05-001	1/2/2005	23:46	401 NW 30th St, Lot H2
05-002	1/3/2005	16:14	1409 SW 5th St
05-003	1/4/2005	22:33	1226 Dana Dr
05-004	1/6/2005	9:03	200 SW 19th Ave
05-005	1/9/2005	14:32	713 SW 12th St
05-006	1/9/2005	21:04	S 1st St & Willmar Ave
05-007	1/12/2005	6:53	Hwy 40 & Willmar Ave
05-008	1/12/2005	6:53	15th Ave NW
05-009	1/13/2005	9:57	619 SW Trott Ave
05-010	1/17/2005	8:08	300 W 14th St
05-011	1/17/2005	9:11	1813 SW 7 1/2 St
05-012	1/17/2005	15:51	1009 SW 19th Ave
05-013	1/17/2005	17:55	Hwy 12 & 45th St
05-014	1/17/2005	21:00	1550 NE Hwy 71
05-015	1/17/2005	21:35	411 NW 10th St
05-016	1/19/2005	14:05	1300 SE 3rd St
05-017	1/21/2005	13:50	2505 S 1st St
05-018	1/21/2005	14:18	300 NW 7th St
05-019	1/22/2005	2:27	201 NW Dakota Ave (Pennock)
05-020	1/22/2005	4:20	201 NW Dakota Ave (Pennock)
05-021	1/22/2005	8:01	1000 Lakeland Dr SE
05-022	1/22/2005	15:37	201 SE 28th Ave
05-023	1/22/2005	17:46	815 SE 3rd St
05-024	1/26/2005	15:08	S 1st St & Litchfield Ave
05-025	1/26/2005	17:29	N Hwy 71
05-026	1/26/2005	20:32	1550 NE Hwy 71
05-027	1/27/2005	17:02	2305 SW 20th Ave
05-028	1/29/2005	8:28	2508 Airport Dr SW
05-029	1/31/2005	16:10	1800 SW 19th Ave
05-030	2/2/2005	13:14	1400 SW 22nd St
05-031	2/3/2005	20:31	SW 3rd St & Kandiyohi Ave
05-032	2/4/2005	2:22	1550 NE Hwy 71
05-033	2/8/2005	19:23	2201 23rd St NE
05-034	2/9/2005	7:48	300 NW 7th St
05-035	2/12/2005	22:46	2501 Williams Parkway SW

05-036	2/16/2005	0:57	500 NW Russel St.
05-037	2/16/2005	6:17	500 NW Russel St.
05-038	2/20/2005	19:11	SW 19th Ave & 30th St
05-039	2/23/2005	6:42	511 SE Juli St.
05-040	2/24/2005	8:38	2101 15th Ave NW
05-041	2/24/2005	11:25	Hwy 12 & 25th St
05-042	2/27/2005	8:41	1605 S 1st St
05-043	3/1/2005	0:13	311 NW 8th St.
05-044	3/2/2005	5:54	301 SW Becker Ave.
05-045	3/4/2005	6:20	2101 S 1st St
05-046	3/7/2005	8:02	2601 NW 15th Ave
05-047	3/8/2005	9:47	S 1st St & Menards Entrance
05-048	3/12/2005	8:35	2101 15th Ave NW
05-049	3/13/2005	18:55	5307 NE Hwy 71
05-050	3/25/2005	19:28	2100 E Hwy 12
05-051	3/26/2005	18:24	301 SW Becker Ave.
05-052	3/28/2005	22:42	1550 NE Hwy 71
05-053	3/31/2005	2:33	300 NW 7th St
05-054	3/31/2005	8:10	1550 NE Hwy 71
05-055	3/31/2005	9:02	N Hwy 71 & Cty Rd 24
05-056	3/31/2005	20:14	715 SW Becker Ave.
05-057	4/2/2005	17:10	3330 S 1st St.
05-058	4/4/2005	11:58	1704 S 1st St.
05-059	4/5/2005	14:13	2201 23rd St NE
05-060	4/5/2005	15:15	1800 SW 19th Ave
05-061	4/5/2005	20:18	Weather Watch
05-062	4/6/2005	17:17	301 SW Becker Ave.
05-063	4/8/2005	14:26	824 SW 7th St.
05-064	4/8/2005	14:34	1101 SE 14th Ave.
05-065	4/9/2005	10:56	S Hwy 71
05-066	4/10/2005	2:19	Cancelled En-route
05-067	4/10/2005	11:12	2580 NE 47th Ave.
05-068	4/10/2005	14:47	1550 NE Hwy 71
05-069	4/11/2005	19:08	301 SW Becker Ave.
05-070	4/12/2005	6:46	W Hwy 23 & 73rd St.
05-071	4/12/2005	12:37	500 Russell St.
05-072	4/13/2005	15:17	N Hwy 71 & Cty Rd 24
05-073	4/13/2005	15:39	707 SW 27th Ave.
05-074	4/17/2005	16:15	1st St. & Ella
05-075	4/19/2005	7:48	1550 NE Hwy 71

05-076	4/21/2005	17:02	SW 6th St. & Minnesota Ave.
05-077	4/27/2005	11:43	1305 SW 19th Ave.
05-078	4/27/2005	20:43	1508 SW Willmar Ave.
05-079	4/29/2005	16:04	1550 NE Hwy 71
05-080	5/2/2005	16:52	Hwy 104 & Cty Rd. 40
05-081	5/3/2005	16:19	1604 S 1st St.
05-082	5/3/2005	16:40	611 SW Pacific Ave.
05-083	5/4/2005	23:20	1301 E Hwy 12
05-084	5/4/2005	7:38	2701 NE 30th St.
05-085	5/4/2005	9:44	N Hwy 71 & 23rd St.
05-086	5/5/2005	6:02	1000 NE 26th Ave.
05-087	5/5/2005	12:05	413 SE Juli St.
05-088	5/8/2005	11:58	1605 S 1st St
05-089	5/10/2005	17:08	700 11 1/2 Ave.
05-090	5/13/2005	19:31	420 NW 30th St. Apt. 104
05-091	5/18/2005	19:12	City Wide Weather Watch
05-092	5/19/2005	13:32	S 1st St. & Becker Ave
05-093	5/19/2005	22:35	SW County Road 5
05-094	5/23/2005	8:43	512 SW 8th St.
05-095	5/23/2005	22:55	325 SW Kandiyohi Ave.
05-096	5/25/2005	16:22	430 NW 30th St.
05-097	5/27/2005	8:07	101 SW Willmar Ave.
05-098	5/28/2005	18:16	1800 SE Becker Ave.
05-099	5/29/2005	13:36	1000 SE Lakeland Dr.
05-100	6/3/2005	14:13	1601 S 1st St.
05-101	6/4/2005	10:19	300 NW 7th St
05-102	6/4/2005	23:23	1217 S 1st St.
05-103	6/6/2005	14:52	804 SE Willmar Ave.
05-104	6/7/2005	18:35	1108 NE Hwy 71
05-105	6/7/2005	22:29	1208 SE Becker Ave.
05-106	6/8/2005	1:58	City Wide Weather Watch
05-107	6/8/2005	7:13	2701 NE 30th St.
05-108	6/8/2005	11:51	824 SW 7th St.
05-109	6/9/2005	2:00	3016 NW 2nd Ave.
05-110	6/10/2005	0:58	1400 NE Lakeland Dr. Lot 70
05-111	6/10/2005	15:29	611 SW 5th St.
05-112	6/13/2005	14:33	SW 7th St. & Willmar Ave.
05-113	6/13/2005	18:55	City Wide Weather Watch

05-114	6/13/2005	22:24	3031 S 1st St.
05-115	6/14/2005	21:44	804 SE Willmar Ave.
05-116	6/15/2005	20:44	921 SW 4th St.
05-117	6/16/2005	10:56	1712 Hansen Dr.
05-118	6/20/2005	5:33	1015 SW 4th St.
05-119	6/20/2005	11:29	City Wide Weather Watch
05-120	6/20/2005	12:38	500 NW Russel St.
05-121	6/21/2005	7:11	500 NW Russel St.
05-122	6/21/2005	9:52	1200 S 1st St.
05-123	6/21/2005	10:56	1200 S 1st St.
05-124	6/23/2005	7:40	776 N Hwy 71
05-125	6/23/2005	14:58	1012 SE 3rd St.
05-126	6/23/2005	16:57	1801 SE 19th Ave.
05-127	6/23/2005	17:32	2203 SE 8th Ave.
05-128	6/23/2005	19:45	2308 SW Richland Dr.
05-129	6/24/2005	12:24	610 SW 2nd St.
05-130	6/25/2005	8:47	N Hwy 71
05-131	6/26/2005	11:36	2725 NW Gorton Ave.
05-132	6/27/2005	15:09	1126 SW Benson Ave.
05-133	6/29/2005	18:11	City Wide Weather Watch
05-134	6/30/2005	22:10	2508 Airport Dr SW
05-135	6/30/2005	23:15	804 SE Willmar Ave.
05-136	7/2/2005	14:17	804 SE Willmar Ave.
05-137	7/3/2005	17:45	620 15th St. SW
05-138	7/5/2005	7:28	2201 23rd St NE
05-139	7/5/2005	11:55	1550 NE Hwy 71
05-140	7/6/2005	5:31	1550 NE Hwy 71
05-141	7/6/2005	6:50	1550 NE Hwy 71
05-142	7/7/2005	14:06	2201 23rd St NE
05-143	7/11/2005	0:49	1550 NE Hwy 71
05-144	7/12/2005	10:49	Hwy 23 & Cty Rd 5
05-145	7/12/2005	17:47	3031 S 1st St.
05-146	7/13/2005	11:48	S 1st St. & Willmar Ave.
05-147	7/13/2005	14:20	11th St. SW & Richland Ave.
05-148	7/13/2005	15:03	S 1st St. & Kandi Mall Ent.

05-149	7/13/2005	16:18	Willmar Ave & Lakeland Dr.
05-150	7/15/2005	10:58	6th St. SW & Minnesota Ave.
05-151	7/15/2005	21:52	300 SW Becker Ave.
05-152	7/15/2005	21:53	2707 NE Arena Dr.
05-153	7/16/2005	9:24	4030 NE Hwy 71
05-154	7/16/2005	22:35	301 SW Becker Ave.
05-155	7/17/2005	2:02	301 SW Becker Ave.
05-156	7/17/2005	2:21	918 SE 20th Ave.
05-157	7/17/2005	10:02	2707 NE Arena Dr.
05-158	7/18/2005	1:50	2655 S 1st St.
05-159	7/20/2005	16:29	1604 S 1st St.
05-160	7/20/2005	17:06	W Hwy 12 & Cty Rd 5
05-161	7/21/2005	8:08	1801 SW Willmar Ave.
05-162	7/22/2005	11:17	E Hwy 12
05-163	7/23/2005	9:20	City Wide Weather Watch
05-164	7/24/2005	20:55	316 Vos Park Dr.
05-165	7/24/2005	21:39	1st St. & Ella
05-166	7/29/2005	15:38	1012 SE 3rd St.
05-167	7/31/2005	16:11	511 SE Lakeland Dr.
05-168	8/1/2005	2:08	1st St. & Ella
05-169	8/3/2005	15:14	1109 SE 9th St.
05-170	8/4/2005	12:33	2101 15th Ave NW
05-171	8/7/2005	21:52	1409 SW 5th St
05-172	8/8/2005	5:59	824 SW 7th St.
05-173	8/10/2005	12:20	1214 SE Willmar Ave.
05-174	8/11/2005	18:07	1409 SW 5th St
05-175	8/13/2005	0:04	2500 SW Airport Dr.
05-176	8/14/2005	0:03	2500 SW Airport Dr.
05-177	8/14/2005	6:29	713 SW 3rd St.
05-178	8/16/2005	12:42	600 SW Airport Dr.
05-179	8/16/2005	16:03	201 SE Willmar Ave.
05-180	8/16/2005	19:04	430 NW 30th St.
05-181	8/17/2005	21:19	1016 NW Ella Ave.
05-182	8/22/2005	19:58	2701 NE 30th St.

05-183	8/23/2005	0:02	712 SW 10th St.
05-184	8/24/2005	8:43	800 SW 19th Ave.
05-185	8/24/2005	15:26	NW 7th St & 1st St
05-186	8/24/2005	17:31	1717 NW Gorton Ave.
05-187	8/26/2005	4:19	1816 SW 5th St.
05-188	8/26/2005	7:13	300 NW 7th St
05-189	8/29/2005	4:55	1550 NE Hwy 71
05-190	8/29/2005	19:14	SW 2nd St. & Minnesota Ave.
05-191	9/1/2005	10:09	2101 15th Ave NW
05-192	9/2/2005	21:08	1126 SW Benson Ave.
05-193	9/3/2005	20:40	1308 SE 7th St.
05-194	9/5/2005	10:40	1550 NE Hwy 71
05-195	9/5/2005	21:00	15th Ave NW
05-196	9/5/2005	23:23	City Wide Weather Watch
05-197	9/6/2005	21:30	2655 S 1st St.
05-198	9/7/2005	7:58	824 SW 7th St.
05-199	9/7/2005	8:16	4773 S Hwy 71
05-200	9/10/2005	14:54	W Hwy 23 & Cty Rd 5
05-201	9/11/2005	22:59	2505 SW Willmar Ave.
05-202	9/12/2005	7:42	1550 NE Hwy 71
05-203	9/12/2005	8:36	1108 E Hwy 12
05-204	9/12/2005	8:15	City Wide Weather Watch
05-205	9/12/2005	13:02	511 SE Lakeland Dr.
05-206	9/12/2005	14:39	1550 NE Hwy 71
05-207	9/12/2005	20:24	City Wide Weather Watch
05-208	9/14/2005	11:03	2701 NE 30th St.
05-209	9/17/2005	8:58	1401 SE Litchfield Ave.
05-210	9/17/2005	17:32	1409 SE Becker Ave.
05-211	9/17/2005	18:45	804 SE Willmar Ave.
05-212	9/18/2005	14:06	2201 NE 23rd St.
05-213	9/19/2005	15:04	824 SW 7th St.
05-214	9/21/2005	10:15	SE Becker Ave & 6th St.



05-215	9/21/2005	11:47	SE Becker Ave & 6th St.
05-216	9/21/2005	17:32	City Wide Weather Watch
05-217	9/22/2005	14:34	1401 SE 19th Ave.
05-218	9/24/2005	18:58	S 1st St. & Taco John's
05-219	9/24/2005	19:08	Upper Trentwood Circle
05-220	9/25/2005	13:38	822 NW Northwood Ct.
05-221	9/26/2005	14:35	300 NW 7th St
05-222	9/27/2005	11:03	SE Julie St. & Minnesota Ave
05-223	9/27/2005	19:09	400 SW 15th Ave.
05-224	9/28/2005	10:28	916 SE 4th St.
05-225	9/29/2005	13:54	SW 7th St. & Trott Ave.
05-226	9/29/2005	14:30	7410 SW Hwy 23
05-227	9/30/2005	19:36	401 NW 30th St, Lot B7
05-228	10/1/2005	13:19	428 SE Litchfield Ave.
05-229	10/1/2001	16:49	817 SW Litchfield Ave.
05-230	10/3/2005	16:10	413 NW 12th St.
05-231	10/4/2005	8:13	1605 S 1st St
05-232	10/4/2005	8:14	600 SW Industrial Dr.
05-233	10/5/2005	7:15	2808 NW 6th Ave.
05-234	10/5/2005	11:49	1820 SE Becker Ave.
05-235	10/6/2005	16:03	332 SE Robert St.
05-236	10/8/2005	23:24	1237 SW 13th St.
05-237	10/9/2005	19:43	1550 NE Hwy 71
05-238	10/9/2005	20:20	301 SW Becker Ave.
05-239	10/9/2005	20:31	600 SE 19th St.
05-240	10/12/2005	9:49	3208 E Eagle Ridge Dr.
05-241	10/13/2005	8:40	Hwy 23 & Hwy 71 Bypass
05-242	10/17/2005	19:55	S 1st St. & 19th Ave.
05-243	10/17/2005	20:29	1000 SE Lakeland Dr.

05-244	10/18/2005	7:40	100 N 10th St.
05-245	10/18/2005	8:14	1000 SE Lakeland Dr.
05-246	10/19/2005	9:15	1305 S 1st St.
05-247	10/19/2005	22:54	SW 6th St. & Litchfield Ave.
05-248	10/22/2005	6:30	3111 NW 7th Ave.
05-249	10/25/2005	11:52	2580 E Hwy 12
05-250	10/27/2005	12:33	NW Lake Ave. & 13th St.
05-251	10/27/2005	20:09	1550 NE Hwy 71
05-252	10/28/2005	15:53	210 NW Hidden Acres Dr.
05-253	10/28/2005	20:35	1550 NE Hwy 71
05-254	10/31/2005	16:32	1604 S 1st St.
05-255	11/1/2005	15:22	SW 8th St. & Monogalia Ave.
05-256	11/2/2005	20:22	1128 SW 4th St.
05-257	11/4/2005	19:52	1550 NE Hwy 71
05-258	11/5/2005	1:17	Hwy 40 & Cty Rd 5
05-259	11/6/2005	2:24	201 SE 28th Ave
05-260	11/6/2005	22:31	1550 NE Hwy 71
05-261	11/7/2005	8:48	E Hwy 12 & Ferring St.
05-262	11/7/2005	9:09	800 SE Johanna Ave.
05-263	11/7/2005	22:45	1409 SW 5th St
05-264	11/9/2005	5:08	502 SW 2nd St.
05-265	11/9/2005	16:52	N Hwy 71 & 10th St.
05-266	11/9/2005	17:07	1550 NE Hwy 71
05-267	11/10/2005	9:59	3821 SE Abbott Dr.
05-268	11/10/2005	12:58	N Hwy 71
05-269	11/10/2005	16:40	2609 NW 15th Ave.
05-270	11/11/2005	18:17	1801 S 1st St.
05-271	11/12/2005	10:12	Hwy 23 & Cty Rd 5
05-272	11/17/2005	1:52	1801 SW 19th Ave.
05-273	11/17/2005	18:19	300 NW 7th St
05-274	11/18/2005	6:48	3999 SE Abbott Dr.
05-275	11/18/2005	23:25	610 SW 7th St.
05-276	11/19/2005	9:13	523 SE 2nd St.
05-277	11/19/2005	13:22	504 SE 14th St.
05-278	11/21/2005	13:37	7th St. & W Litchfield Ave.
05-279	11/22/2005	17:11	South 1st St. at Wal-Mart
05-280	11/24/2005	15:01	505 SW 28th Ave.
05-281	11/24/2005	16:42	776 N Hwy 71
05-282	11/26/2005	14:25	1212 N Hwy 71

05-283	11/26/2005	20:26	1550 NE Hwy 71
05-284	11/27/2005	12:13	1550 NE Hwy 71
05-285	11/28/2005	11:45	N Hwy 71
05-286	11/29/2005	12:49	1550 NE Hwy 71
05-287	11/29/2005	21:13	280 SE 3rd St.
05-288	11/29/2005	22:23	1550 NE Hwy 71
05-289	11/30/2005	10:17	1126 SW Benson Ave.
05-290	12/2/2005	11:55	1126 SW Benson Ave.
05-291	12/2/2005	18:16	2655 S 1st St.
05-292	12/2/2005	22:51	717 S 1st St.
05-293	12/3/2005	7:07	511 SE Lakeland Dr.
05-294	12/3/2005	18:59	340 Terrace Dr.
05-295	12/4/2005	13:34	301 SW Becker Ave.
05-296	12/5/2005	13:24	500 NW Russel St.
05-297	12/6/2005	8:52	4420 SW 15th St.
05-298	12/6/2005	21:02	213 NW 15th Ave.
05-299	12/7/2005	8:04	W Hwy 12 & 28th St.
05-300	12/8/2005	9:49	NE 51st St. & 132nd Ave.
05-301	12/8/2005	11:44	SE 2nd St. & Becker Ave.
05-302	12/9/2005	18:13	1012 SE 3rd St.
05-303	12/10/2005	18:54	520 SW 9th St.
05-304	12/14/2005	23:10	401 NW 30th St.
05-305	12/18/2005	18:16	716 SW 17th St.
05-306	12/20/2005	5:50	1605 S 1st St
05-307	12/20/2005	8:06	520 SW 5th St.
05-308	12/20/2005	18:17	1678 NE 48th Ave
05-309	12/25/2005	9:07	2404 E Hwy 12
05-310	12/25/2005	15:50	920 SW 13th Ave.
05-311	12/25/2005	23:39	401 NW 30th St. Lot H2
05-312	12/26/2005	7:35	301 SW Becker Ave.
05-313	12/27/2005	10:11	817 SW Litchfield Ave.
05-314	12/28/2005	19:04	1024 SW Meadowlane
05-315	12/30/2005	7:34	1500 SE 15th St
05-316	12/30/2005	20:59	1405 NE 12 Ave.